



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 9718

Bib Data Sheet

SERIAL NUMBER	FILING OR 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/989,677	11/20/2001	315	2821	C1104.70095US00
	RULE			

APPLICANTS

Kevin Dowling, Westford, MA;
 Frederick Morgan, Quincy, MA;
 Brian Chemel, Salem, MA;
 Adriana Mincheva, Quincy, MA;
 Ihor A. Lys, Boston, MA;

** CONTINUING DATA *****

This application is a CIP of 09/215,624 12/17/1998 PAT 6,528,954
 and is a CIP of 09/213,607 12/17/1998 ABN
 and is a CIP of 09/213,189 12/17/1998 PAT 6,459,919
 and is a CIP of 09/213,581 12/17/1998 PAT 7,038,398
 and is a CIP of 09/213,540 12/17/1998 PAT 6,720,745
 and is a CIP of 09/333,739 06/15/1999
 and is a CIP of 09/742,017 12/20/2000 ABN
 which is a CON of 09/213,548 12/17/1998 PAT 6,166,496
 This application 09/989,677
 is a CIP of 09/815,418 03/22/2001 PAT 6,577,080
 which is a CON of 09/213,548 12/17/1998 PAT 6,166,496
 This application 09/989,677
 is a CIP of 09/626,905 07/27/2000 PAT 6,340,868
 which is a CON of 09/213,659 12/17/1998 PAT 6,211,626
 This application 09/989,677
 claims benefit of 60/252,004 11/20/2000
 and claims benefit of 60/262,022 01/16/2001
 and claims benefit of 60/268,259 02/13/2001
 and claims benefit of 60/262,153 01/17/2001
 and claims benefit of 60/296,219 06/06/2001
 and is a CIP of 09/917,246 07/27/2001 PAT 6,888,322
 which claims benefit of 60/221,579 07/28/2000
 and is a CIP of 09/669,121 09/25/2000 PAT 6,806,659
 which is a CON of 09/425,770 10/22/1999 PAT 6,150,774
 which is a CON of 08/920,156 08/26/1997 PAT 6,016,038
 This application 09/989,677
 is a CIP of 09/805,368 03/13/2001 PAT 7,186,003
 which claims benefit of 60/199,333 04/24/2000
 and claims benefit of 60/211,417 06/14/2000
 and said 09/215,624 12/17/1998
 claims benefit of 60/090,020 06/19/1998
 and claims benefit of 60/079,285 03/25/1998
 and claims benefit of 60/078,861 03/20/1998
 and claims benefit of 60/068,792 12/24/1997
 and claims benefit of 60/071,281 12/17/1997

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY **
 ** 04/17/2002

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY MA	SHEETS DRAWING 22	TOTAL CLAIMS 74	INDEPENDENT CLAIMS 19
Verified and Acknowledged	Examiner's Signature _____			Initials _____			

ADDRESS
23628

TITLE

INFORMATION SYSTEMS

FILING FEE RECEIVED 1843	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit